

From boatanchors@theporch.com Sat May 13 04:37:22 1995
Date: Fri, 12 May 1995 23:37:22 -0500
Message-Id: <9505122158.aa28091@jackatak.theporch.com>
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>
Subject: A quickie admin message

Gang-

Several of you have written to tell me that the files in the archive are coming back empty when requested.

Phil and I are not sure why this is happening, but we are aware of the problem, and are working on it as rapidly as possible...

Stay tuned for an update. I hope within 24 hours...

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
- - - BoatAnchor Mailing List Archiver/Owner - - -
firebotl@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

From boatanchors@theporch.com Sun May 14 02:18:06 1995
Date: Sat, 13 May 1995 21:18:06 -0500
Message-Id: <PAULGREG.950513220556@maine.maine.EDU>
From: PAULGREG@MAINE.MAINE.EDU
Subject: Ameco 2mtr convtrs

Ahoy,

Anyone have specs/experience with above subject, model cn144? Mine's got a 4.3833333 xtal and seems to bring the fm portion of the band into ten meters. Any way of bringin in the bottom, CW portion of two into ten with this box?

A manual would be extremely helpful.

73, Paul

From boatanchors@theporch.com Sun May 14 02:39:26 1995
Date: Sat, 13 May 1995 21:39:26 -0500
Message-Id: <Pine.SUN.3.91.950513222317.12998B-100000@booz.bah.com>
From: k1zat@bah.com
Subject: Re: Ameco 2mtr convtrs

Paul --

I have one (xverter and manual).

On Sat, 13 May 1995 PAULGREG@MAINE.MAINE.EDU wrote:

> Anyone have specs/experience with above subject, model
> cn144? Mine's got a 4.3833333 xtal and seems to bring

Are you sure about the marking on the XTal? A 4.38333
xtal is not an option on the CN-144. It might be a
43.3333.

The CN-144 (et al of the Ameco fame) use xtals in the
39 to 48 mhz range. A 43.3333 mhz xtal is for a
multiplier out of 130 mhz to drive a 14-18 mhz receiver.

> the fm portion of the band into ten meters. Any way of
> bringin in the bottom, CW portion of two into ten with this
> box?

To make the Cn144 work on a ten meter box, the Xtal has
to be 38.6667 for a drive out on 28-32 Mhz. A xtal of
39.3333 will get you down to 26 to 30 Mhz.

> A manual would be extremely helpful.

Snail mail address? Be glad to send you a copy of the manual
thats all of five pages long.

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=====
[ JD DELANCY - K1ZAT/3      | "This 'telephone' has too many shortcomings ]
[                          | to be seriously considered as a means of ]
[ Internet: k1zat@bah.com   | communiciations. The device is inherently ]
[ Ma Bell: <301>-669-5236  | of no value to us...." -- Western Union ]
[                          | memo, 1877 ]
=====
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From boatanchors@theporch.com Sun May 14 11:07:03 1995

Date: Sun, 14 May 1995 06:07:03 -0500

Message-Id: <950514070503_118109842@aol.com>

From: KD0HG@aol.com

Subject: Are we missing something here??

While researching my latest J.C. Whitney auto parts catalog looking for a
muffler, I ran across the following item: It is a circular ring of aluminum
tubing resembling the ring of a 'Ringo' VHF antenna with a hose clamp to

attach it to a whip antenna. Allow me to quote the accompanying text.. "THIS CLAMP ON LOOP AMPLIFIER IMPROVES THE TRANSMIT/RECEIVE PERFORMANCE OF ANY RIGID OR TELESCOPING ANTENNA!.....*Pulls in faraway signals...*Reduces interference from nearby noise sources...*Increases transmit power...*Eliminates dead spots and fade...makes SURE you can be heard...also acts as a passive amplifier on receive...minimizes interference with less distortion..." For those as excited about this product as I am, it's stock # 83VY1113P and only \$7.95. Heck, once I get mine I'm selling those big power-sucking KW BAs taking up space in my hamshack...<bill, kd0hg>

From boatanchors@theporch.com Sat May 13 16:44:33 1995
Date: Sat, 13 May 1995 11:44:33 -0500
Message-Id: <800383400.5391240@AppleLink.Apple.COM>
From: FRANCIS4@applelink.apple.com (Francis, Dexter)
Subject: BA at 12:00 high...

The Confederate Air Force is in town this week and I took the boys out for a look. Featured were the B-29 "FIFI", a Liberator and the C-47 "Tinker Bell" The field access charge was \$5 for adults and \$3 for kids over 9. Once on the line cockpit tours were an extra \$3. Of course, we took the cockpit tours.

The radio operator sat in the aft starboard quarter of the turret area, about 20 feet aft of the cockpit. The gun turret area on FIFI is empty, so I went back for a look. *There sat an R-348.* I asked if they made any attempt at keeping the radios restored, the same as the rest of the aircraft. The reply was that the old radios that were onboard were just for show and that they were just too hard to keep operating. It did look like they'd made an effort to at least keep the racks filled with original hardware when they could.

-df

From boatanchors@theporch.com Sun May 14 05:43:08 1995
Date: Sun, 14 May 1995 00:43:08 -0500
Message-Id: <9505140541.AA10851@texan.frco.com>
From: bill@texan.frco.com (William Hawkins)
Subject: Blasting caps and boatanchors

Tom's (K9TA) story moves me to say something about my first job and it's relation to boatanchors. I started work 35 years ago in a blasting cap plant run by Hercules in Port Ewen, New York, about 90 miles north of NYC. You remember seeing the signs along the highway to TURN OFF TWO-WAY RADIOS, BLASTING AREA. This was because there could have been several hundred blasting caps wired back to a blasting machine for a shot that would level off a large area of ground. All that wire made for a large antenna. This was in the days before 2-way radio meant some flea powered VHF/UHF device. It was also when a blasting machine was a generator run up to speed by pushing down hard on a T shaped handle. When the handle got to the bottom of its travel, a contact closed that discharged the energy in the generator to the caps in the field. I've got a machine that will light a 100 watt bulb to full brilliance, if you push hard enough.

At the plant, we had to test caps to be sure that they were not overly sensitive. During the 5 years that I was there, there emerged a requirement for a 1 watt, 1 amp no fire device. Seems that the radars trained on missiles on the ground were able to set off electroexplosive devices (like propellant igniters). This led to exploding wire devices, that had no sensitive primer explosive, but used the discharge of a 1 mfd capacitor charged to 2000 volts to "detonate" the bridge wire. But we also made devices so sensitive that a 15 watt fluorescent lamp would set them off. They went into long time delay military devices.

There was a problem worse than RF energy, and that was static electricity. (This relates to Tony, BION) There were reports of blasters in the southwest who would insert the cap into the dynamite, then throw the spool of wire attached to the cap back towards the truck with the blasting machine. If the wire hit the metal of the truck, the cap (and the dynamite) would go off, with results unfavorable to the blaster. Also, when ammonium nitrate/fuel oil began to replace dynamite, it was pneumatically conveyed from the truck to the hole. This raised a static charge in the ANFO that could set off the cap when it was inserted by the hapless blaster.

So, we tested caps for sensitivity to static electricity by discharging capacitors into them, between bridge wire and the copper shell. The standard capacity for a human is 400 pf. You can charge that capacitance to a couple of kilovolts by rising from a chair with plastic upholstery - double that if you are wearing nylon undergarments. We used various sizes of capacitors, made by Plastic Capacitors, charged to 20 kV,

to test the caps. How well did we do? Well, any place where caps were handled on the plant had a black conductive floor, and everybody had to wear conductive shoes or install a conductive strip in regular shoes. The head of the laboratory did not wear socks, to improve his conductivity to ground.

Thanks for listening, if you got this far. Beats the hell out of what's going on at work today.

Bill Hawkins bill@bvc.frco.com 612 895-2085

From boatanchors@theporch.com Sun May 14 13:44:02 1995
Date: Sun, 14 May 1995 08:44:02 -0500
Message-Id: <199505141342.IAA28535@quake.xnet.com>
From: mshaum@xnet.com (Mark Shaum)
Subject: Re: Boatanchors Ahoy!

>>linscot@is.rice.edu wrote:

>>

>> ... Imagine if we put electronic copies of our
>>>individual collections in one place, available to all...

>>

>>Now lets see here:

>>

>> -One ISDN line per house: \$1000 installation fee
>> 150 per month service

>>

Ouch! You are getting clobbered with ISDN fees out there! Here a 2B+D line is available for a \$70-\$120 install fee and \$30-\$40 per month, with calls timed at rates the same as voice calls.. I plan to go the ISDN route if the hardware/sw vendors ever agree on a modem emulation standard for their TA's.

Either that or wait to see what the local cable company has in the works. Last time I was by the cable co. office there was a large Cisco Systems box on the floor. (Large box, as with the 7000 series) The front office receptionist folks mentioned they are working with data links but otherwise had no idea.

>

> I was thinking of more like:

>

> - 14.4 modem \$100.00

>

> - Local Internet connection \$40.00/month

> (if you are reading this, you already have some kind of connection)

>

> - Netscape or Mosaic Free!

>
> - Deskjet printer for PC or Mac \$290.00
> (To hardcopy a schematic or manual page)
>

I'd scrape up the extra \$50 for a generic V.34 28.8 modem, assuming your Internet provider has 28.8 dial-in lines. The difference when Web browsing is quite noticable.

Regarding scanners/printers.. my efforts to make my Viking II mod set went poof on the single-page schematic of the Viking II. The keying mods and VFO 122 were no problem. The amount of editing required to 'clean up' a scanned image of a less-than-perfect original to make it readable was far too excessive with the graphics tools I have available, at least if you wanted component values visible on the final printout. A laser printer of some kind was required, tests printing on a HP Deskjet 500 compared to a HP4P showed the inkjet lagging behind. Newer modles with greater dpi resolution may fare better. I didn't have a postscript printer available at the time to fiddle with. Nor would my scanner software or available graphics editors save in postscript format, so I played with saving in various gif, tiff etc. files. But technology will help us out here sooner or later.

And regarding postscript.. I tried a couple shareware graphics file converter utilities to convert postscript files to other formats for viewing/printing on your average Windows desktop, but too much resolution was lost. If anybody has a pointer to a good graphic converter that can go to/from ps format, please reply!

73! - Mark, NE9G

From boatanchors@theporch.com Sat May 13 05:29:32 1995
Date: Sat, 13 May 1995 00:29:32 -0500
Message-Id: <9505122333.aa29329@jackatak.theporch.com>
From: Fire Bottle archive handler <firebot1@jackatak.theporch.com>
Subject: Re: Boatanchors Ahoy! (ISDN connection)

linscot@is.rice.edu wrote:

Actually, that was Roy in Maryland..near our nation's capital and economic barometer miscalibration facility... ;^)

> > -One ISDN line per house: \$1000 installation fee
> > 150 per month service
> > -ISDN interface card and S/W 2500

> Maybe there but in Orlando ISDN is \$200 instalation & \$56/mo

and Nashville weighs in at \$200 and 28.50/mo

> (So. Bell ISDN gives you two voice & 1 data lines).

Actually, the "regular residential ISDN tariff that South Central Bell filed in TN is for TWO "B" lines (the 64K style) and ONE "D" line (9600 baud packet) -- thus, one can use the 64K lines as 2 voice, a voice and data, two data OR go for broke and combine the two "B" lines into a single 128K line! And, remember kids, that is for 128K *state changes* per second, not for a 2400 baud line modulated and compressed! IT FLIES... just ask Phil! ;^)

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

firebot1@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

From boatanchors@theporch.com Sat May 13 13:38:39 1995

Date: Sat, 13 May 1995 08:38:39 -0500

Message-Id: <9505130013.aa07800@lunatix.lunatix.lex.ky.us>

From: "Greg Parsons A.K.A. Rat" <gparsons@lunatix.lex.ky.us>

Subject: Collins 30L1

Hello,

I local friend of mine is looking for a manual for his "new" Collins 30L1 amp, it is a real beauty too, he needs to tune it back up and check out the AGC in the unit, he has it hooked to his Drake TR4 right now, If anyone has or know where to get a manual for the amp, please send me e-mail and I will forward it to him on packet.

Thanks and 73

Greg

KE4000

--

On a clear night when the wind is from the west, you can smell America burning brite upon the night.

DoD #0862 Rat NRA Life Member Home Brewer from Hell(tm)

From boatanchors@theporch.com Sat May 13 17:16:58 1995

Date: Sat, 13 May 1995 12:16:58 -0500

Message-Id: <950513131541_117468472@aol.com>

From: DavidSt1@aol.com

Subject: Collins Mania Humor

(relaying this from the wrecked radio swamp.
Wonder if it will get censored from the daily
digest like my other Collins humor? (heh heh)
AB5S

Howard somebody wrote:

>I also have 2 brand new (in box) Collins
>RT-980/GRC-171V UHF Tranceivers
>in my possession now. PN 622-1628-002.
> Cost \$22,000 ea. in 1992. Buy one or both.
>Will consider all offers over \$4000.00 each.
>

KB6LUY wrote:

<snicker!>
yeah right...tell you what Howard, I have a
Honda CB350F four cyl. that I might be willing
to swap you for one of these uhf units...after all,
\$4000 value is the same as cash, and these are
highly-prized.
I would also consider cash offers on the bike
starting at \$4000

You Collins guys crack me up...

sorgatz@avatar.tti.com (or:es@soldev.tti.com) KB6LUY

From boatanchors@theporch.com Sat May 13 20:00:19 1995
Date: Sat, 13 May 1995 15:00:19 -0500
Message-Id: <950513155913_117592333@aol.com>
From: JosephWP@aol.com
Subject: Re: Collins Mania Humor

>>>>

You Collins guys crack me up...

sorgatz@avatar.tti.com (or:es@soldev.tti.com) KB6LUY
>>>>

I am affraid that in this instance all KB6LUY has revealed is his own
ignorance.

Those GRC-171Vs are high tech mil spec UHF radios that have a significant
value in the overseas markets for such specialized military gear. Has nothing
really to do with their being Collins. The could be Magnavox or other

manufacturer and the price would be the same. They are designed for air traffic control use and were purchased by both the Marine Corp and the USAF.

Joseph Pinner +
Lafayette, LA
KC5IJD
EMail: josephwp@aol.com

From boatanchors@theporch.com Sat May 13 16:39:52 1995
Date: Sat, 13 May 1995 11:39:52 -0500
Message-Id: <m0sAKCT-002cm1C@spider.lloyd.com>
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: Component Aging

Gang,

I'm beginning to see a pattern to some of the symptoms I'm finding in older receivers and I can't help wondering if there is an aging phenomenon that I'm unaware of. Comments are welcome....

Here's the deal:

On the last three receivers I've recalibrated, an SX-100, an HQ-110, and most recently a Mohawk, the slugs in the HFO coils, the first mixer coils, and the antenna coils have generally needed to be turned in the direction of increasing inductance for the sets to work properly.

Now that strikes me as just too strange to be pure coincidence.

What's noteworthy is that once I adjusted just the coils, generally (but not always) the trimmers required little if any touchup. Also noteworthy is that on all three receivers, I had to break factory seals, wax, or dope on the coils before I could adjust them....so this isn't a case of me fixing the results of incompetent twiddling by previous owners. This suggests to me that the coils themselves, or maybe the properties of the slugs, have changed over time.

So what's the deal here? Have I just rediscovered something that *everyone* (but me) already knew? What's the failure mechanism that's responsible for these symptoms I'm seeing?

Expiring minds want to know....

73,

Jim - km6nk

From boatanchors@theporch.com Sat May 13 19:41:23 1995
Date: Sat, 13 May 1995 14:41:23 -0500
Message-Id: <Pine.3.89.9505131425.A13693-01000000@ozarks>
From: "C. Frank Gilmore" <fgilmore@ozarks.sgcl.lib.mo.us>
Subject: Re: Component Aging

On Sat, 13 May 1995, Jim Lockwood wrote:

> Gang,
>
> I'm beginning to see a pattern to some of the symptoms I'm finding in older
> receivers and I can't help wondering if there is an aging phenomenon that
> I'm unaware of. Comments are welcome....
>
> Here's the deal:
>
> On the last three receivers I've recalibrated, an SX-100, an HQ-110, and
> most recently a Mohawk, the slugs in the HFO coils, the first mixer coils,
> and the antenna coils have generally needed to be turned in the direction of
> increasing inductance for the sets to work properly.

The key words are heat and moisture. Most of those coils were wound on wax impregnated forms and over the years and wax can be seen actually dripping from the cans if the receivers have a heat problem/been run constantly. Also the wire....I still call it Litz wire from the old days but am sure there is a better name...begins to lose it's insulation quality and also will frequently change shape and either expand or "droop" if you look at them very closely.

I have three HQ-110s on the bench now in various stages of repair and each has had to be realigned similar to what you describe. I don't want to incur the wrath of Hammarlund lovers....after all I like them too...but they did have two great areas of weakness even when new....rather shoddy wafer switches and poor quality IF/RF cans. I had a new HQ-170AC that was dead as a hammer on six. I ignored it for months and then finally went into it and found not one but two defective coils.

Can't say I saw that many in Hallicrafters or other brands...just once in a while. Hallicrafters was known for bad function switches in the SX-96 and SX-100 receivers....and replacing them was a nightmare.

73, Frank
de K0JPJ ex-W5PVX ...--

From boatanchors@theporch.com Sun May 14 03:56:32 1995
Date: Sat, 13 May 1995 22:56:32 -0500
Message-Id: <Pine.BSI.3.91.950513233548.6934A-100000@laurel.us.net>
From: Tony Stalls <ras@us.net>
Subject: Re: Copyright issues

On Fri, 12 May 1995 Clark M. Thompson wrote:

> I'd like to offer my two cents to the copyright discussion. As a Video
> Producer, I come up against these laws time and time again. First,
> copyright is like birthright, you don't have to apply for it, it happens
> automatically.

Clark,

That is true, but it goes further than that. With the disclaimer that I'm not an attorney, I had a run-in with the copyright law about a year ago. I was running a BBS for local area bicyclists and had an article about GEAR 1993 (a national bicycling event) posted with the author's permission, clearly with a copyright post and the author's byline. A user on the BBS took the article, edited out the authors name and published it in a local club newsletter under his own name. Unfortunately, although the copyright was valid, the author did not REGISTER it. According to the attorney I spoke to on the author's behalf, sanctions including attorney fees are specified by law and copyright attorneys will take those cases on a contingency basis in a heartbeat. The bottom line is that the guy got screwed and got nothing, not even an apology, because he didn't have the means to retain an attorney and take a chance of getting a decent sized judgement by taking the (alleged) plagiarist to court.

73,

Tony
K4KY0

<ras@us.net>

From boatanchors@theporch.com Sun May 14 04:15:38 1995
Date: Sat, 13 May 1995 23:15:38 -0500
Message-Id: <9505140411.AA10728@texan.frco.com>

From: bill@texan.frco.com (William Hawkins)
Subject: CV-157

I've heard a lot about it, mostly here. Not sure there's room enuf in the basement for such a thing. Not sure I could lift it onto the bench if I had one. The '389 is the max weight in my shop. But I am incurably interested in electromechanical things. The '157 has some kind of servo to keep it on a signal, yes? If so, I would like to buy a copy of the manual, to learn more. Then, perhaps I will invest in some hydraulic lifting equipment so that I can continue to enjoy this hobby as my body falls apart.

Anybody near Minneapolis got one I could look at?

Bill Hawkins bill@bvc.frco.com 612 895-2085

From boatanchors@theporch.com Sat May 13 13:44:36 1995
Date: Sat, 13 May 1995 08:44:36 -0500
Message-Id: <9505131152.AA051111@uvs1.orl.mmc.com>
From: padgett@tccslr.dnet.mmc.com (A. Padgett Peterson, P.E. Information Security)
Subject: RE: Eveready 752 battery

>A friend of mine collects Zenith TransOceanics. He's looking for an
>Eveready 752 battery - this is a combination 90V and 9V battery used to
>make his L600 portable. It has a somewhat unique connector on it and there
>is a 100-ohm current limiting resistor built into the connector. Anyway, he
>wants one of the batteries to use the connector on a homebrew battery pack
>in order to not have to modify the matching part on the receiver.

Huh ? On the L-600, the 100 ohm resistor is in the female INCH connector that is cabled to the chassis. Looking into the connector you have something like this (not *exactly* like this but something like it):

```
(blue) B+  o  _  o  A+ (red)
              /
              \ r36 (100 ohm)
              /  o  A- (black)
              o_|
```

The B- is made through the switch to the A- line. When turned off, there is a discharge path through a 330k resistor from B- to A-.

Now the 8G which required 10.5v filament (8 tubes) used the same battery with a series 1 1/2v battery. In that intallation, there was no resistor and the fourth terminal was connected to a yellow wire identified as B-. As a result I expect that the resistor is a limiter for the B voltage

in an odd place.

Incidentally, the Eveready 752 is also Burgess G6B60, Mallory A-400, Ray-O-Vac AB-995, & Zenith 985. Would not mind having one myself.

Warmly,
Padgett

BTW, what I really need are about 4-6 of the 5 1/4 PM speakers Zenith used. Since the transformer mounts on top of the speaker, using a modern one is messy. The relevant part numbers are Zenith 49-507, 49-734, or 49-728; Jensen ST-803 or ST-1071; Quam 52A1 or 52A21. New speakers or a source would be appreciated.

From boatanchors@theporch.com Sun May 14 11:52:30 1995
Date: Sun, 14 May 1995 06:52:30 -0500
Message-Id: <199505141151.HAA00501@cappuccino.eng.umd.edu>
From: Philip Gwynne McCoy <dgnova@Glue.umd.edu>
Subject: fortran on CP/M

To: Bob
From: Philip McCoy
Subject: fortran for CP/M

I have fortran for CP/M on 8 inch disks. It is micro-soft fortran. I can send you a copy. You pay shipping. If you are interested, e_mail me at dgnova@eng.umd.edu

>Message-Id: <199505091735.NAA02294@cc01du.unity.ncsu.edu>
>Reply-To: rdkeys@unity.ncsu.edu
>Subject: Looking for BA Computer Program for BA Work.

>chip was bad and needed replacing, but it perks beautifully on 81k sssd
>5-1/4 inch floppies yanked from a messiedos machine. So, now I have
>a boatanchor computer ready to generate boatanchor calibration books.

>Does anyone out there in Boatanchordom have a running Fortran IV (F80)
>for a CP/M machine. Messieschloff folks don't support it anymore, and
>I can handle any SSSD 8 inch or any 5-1/4 format disk (except for hard

>Thanks, Bob/NA4G
>rdkeys@unity.ncsu.edu

From boatanchors@theporch.com Sat May 13 13:47:37 1995
Date: Sat, 13 May 1995 08:47:37 -0500
Message-Id: <800335501.0499351@AppleLink.Apple.COM>
From: FRANCIS4@applelink.apple.com (Francis, Dexter)
Subject: Out of print manuals/copyright

What about an out of print work that is no longer sold/supported by the original publisher? There is some Drake stuff that's out of print, but folks sell copies of the manuals all the time. W7whatits has an whole catalog full of out of print manuals they sell for \$10 and up.

-df

From boatanchors@theporch.com Sat May 13 13:57:32 1995
Date: Sat, 13 May 1995 08:57:32 -0500
Message-Id: <199505130326.UAA23905@hobbes.UCSC.EDU>
From: haynes@cats.ucsc.edu (Jim Haynes)
Subject: R-390 as direction finder?

I was just wondering, since the 390s have both balanced and unbalanced antenna connectors, if you could connect a loop to the balanced one and a vertical whip to the unbalanced one and have a unidirectional direction finder with no more work.

From boatanchors@theporch.com Sun May 14 02:26:07 1995
Date: Sat, 13 May 1995 21:26:07 -0500
Message-Id: <PAULGREG.950513221751@maine.maine.EDU>
From: PAULGREG@MAINE.MAINE.EDU
Subject: Rochester follow-up

Ahoy,
Anyone in attendance of the above religious rite know who was selling that Collins-based avionic station in trailer that was operating in the remote far end of the fair ground? Please, a phone number or a call sign will make my evening.
73, de Paul

From boatanchors@theporch.com Sat May 13 13:42:57 1995
Date: Sat, 13 May 1995 08:42:57 -0500
Message-Id: <950513094107_117320290@aol.com>

From: JosephWP@aol.com
Subject: Those RF probes

Some additional info on the Halted RF probes:

>From the ones sent me I can discern the following:

These were not made for the HP-410 series meter, rather they were spares for the USM-116 Navy VTVM.

Please be aware that the filament voltage for the 2-01C and the 6923 tube are different, 5 V and 3 V respectively. If you intend to use the Halted RF probe with your HP-410, you will have to adjust the filament voltage downward by 2 V.

Joseph Pinner +
Lafayette, LA
KC5IJD
EMail: josephwp@aol.com

From boatanchors@theporch.com Sat May 13 18:36:04 1995
Date: Sat, 13 May 1995 13:36:04 -0500
Message-Id: <199505131833.LAA16044@netcom9.netcom.com>
From: jlyle@netcom.com (Jim Lyle)
Subject: Troubleshooting Help wanted...

Hello;

I'm not a ham, and this isn't about some radio with a long military serial number. But the radio in question IS a boatanchor: It's got lots of tubes, and gawd is it heavy...

It's a Magnavox console AM/FM/SW, and phono. I've spent the last several months refinishing the cabinet, and rebuilding the innards. I plugged it in last night and... IT WORKS! Quite well in fact! Most of the odd symptoms it showed when I acquired it are now gone.

There is still one problem though. The shortwave band works just fine below about 7 Mhz, and above about 9 Mhz. The gain seems ok (though I haven't been able to check it), and the dial even seems reasonably accurate. BETWEEN 7-9 Mhz, though is a different story: The background static seems to go away, and as I tune across the region I find narrow areas where I hear almost pure tones. These tones range from a few Hertz (motorboating?), to a few hundred Hertz. They are LOUD, and stable (I can find the same tone again in the same place, repeatably). They show up on the magic eye tuning indicator, too.

I'm thinking it's probably the local oscillator, and plan to re-check all the components in that area. Any other suggestions?

By the way... while rebuilding this radio I found a bad 6SK7 in the IF amplifier (NO emission whatsoever as far as I could tell, though the filament was good), yet the radio DID work with this tube in place. Any idea why? Was just enough signal coupling through the interelectrode capacitance? Of course, the radio now works MUCH BETTER with a good 6SK7...

--

Jim Lyle jlyle@netcom.COM
Troubador Technologies
Consulting Services
(408) 247-4199

From boatanchors@theporch.com Sun May 14 01:10:02 1995
Date: Sat, 13 May 1995 20:10:02 -0500
Message-Id: <9505131858.aa11502@jackatak.theporch.com>
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>
Subject: Troubleshooting Help wanted...

Gang-

Today, Jim Lyle <jlyle@netcom.com> felt compelled to say:
> I'm not a ham
That is perfectly OK... You are nonetheless most welcome here

> and this isn't about some radio with a long military serial number.
Good, I sometimes get tired of O.D. gear... ;^)

> But the radio in question IS a boatanchor: It's got lots of tubes,
> and gawd is it heavy...
Yep, that's a firebottle rig, alright! ;^) My first receiver was a Zenith with a magic eye... and *NO* BFO!!! CW was an interesting exercise, but 40M made it possible.

I can't help you, for a variety of reasons, except to assure you that your questions are welcome and germane here. Thanks for asking, and don't let these hammy characters run you off! A BoatAnchor is a BoatAnchor, no matter who owns it! ;^)

--

73, ya'll... help Jim out if you can.

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

firebot1@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

From boatanchors@theporch.com Sun May 14 01:21:42 1995
Date: Sat, 13 May 1995 20:21:42 -0500
Message-Id: <199505140120.UAA03727@zoom.bga.com>
From: Henry van Cleef <vancleef@bga.com>
Subject: Re: Troubleshooting Help wanted...

As Jim Lyle said

>
> Hello;
>
> It's a Magnavox console AM/FM/SW, and phono. I've spent the last
> several months refinishing the cabinet, and rebuilding the innards.
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> to a few hundred Hertz. They are LOUD, and stable (I can find the same tone
> again in the same place, repeatably). They show up on the magic eye tuning
> indicator, too.

>
I just got through rebuilding a two-chassis Magnavox console, and while
it is not the same as what you describe (6BA6 RF, 6SB7Y converter, two
6SG7 IF) it had the same symptoms you describe.

Parasitic oscillation. The RF amplifier and the converter grid both
have a capacitor with a resistor across it in the grid circuits. The
one in the RF circuit on mine was bad. As I recall, the values were
6200 pf. shunted by 250K, although some sets use slightly different
values. 7-9 Mhz was the worst spot, although it would sing at about
double that frequency as well.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Sat May 13 15:33:40 1995
Date: Sat, 13 May 1995 10:33:40 -0500
Message-Id: <F5CN4818.F5CN4828@mail.admin.wisc.edu>
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: VE Day German Messages

to: boatanchors@theporch.com

Someone asked what kinda messages the German forces sent out on VE Day.

VE Day I'm not sure of, but David Kahn, in his book "The Codebreakers" came up with one sent out a few days before VE Day that has always kinda tickled me. It may not rank with SPLICE THE MAINBRACE, but it spoke volumes.

Allied troops came across a German command post, and found the radio gear sitting in standby mode. With it was an ENIGMA cipher machine, a message still hanging out of it. The command post was deserted.

The decoded message translated to English as THE FUHRER IS DEAD. THE WAR GOES ON. KEITEL.

Obviously, the operator and his comrades didn't agree with General Keitel's sentiments, because it was clear that upon receipt of the message they'd all just dropped what they were doing and walked away, abandoning thier part of the war!

73's,

Tom, K9TA